Gateway®

User Guide

VX755 Monitor

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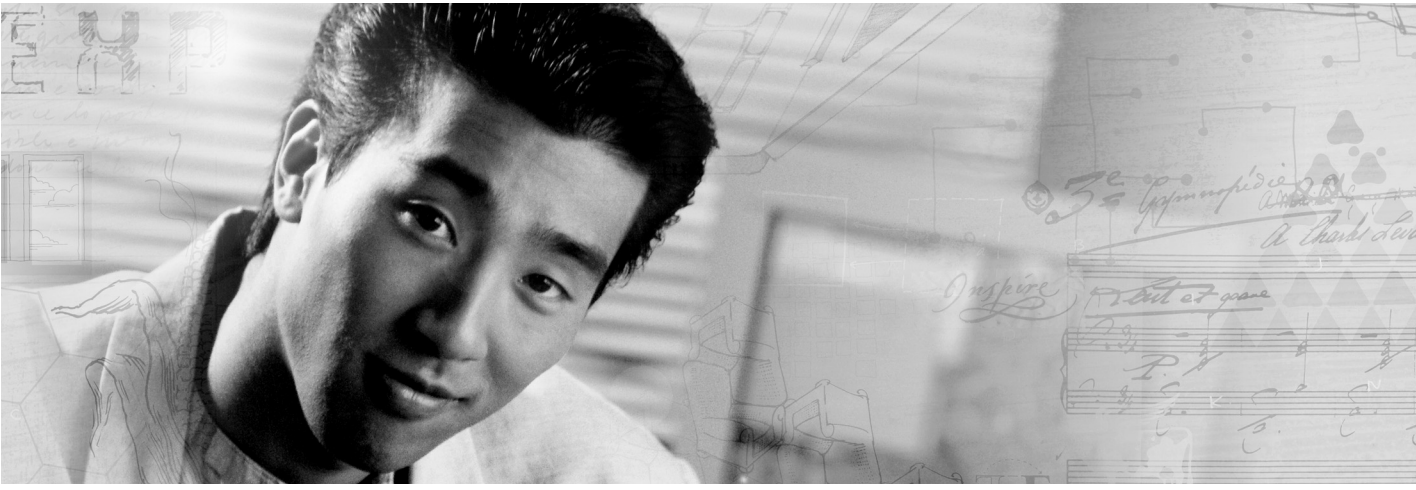
VX755 Monitor



- Setting up the monitor
- Adjusting the settings
- Maintenance
- Troubleshooting
- Specifications

Setting up the monitor

Read all instructions before using the monitor and save them for later use. Follow all warnings and instructions marked on the product.

To set up the monitor:

- Attach the base
- Connect the video and power cables

To attach the base:

1. Carefully set the monitor on its side.
2. Hold the base with the tab facing the back of the monitor and align the hooks on the base with the corresponding slots on the bottom of the monitor.

3. Slide the base toward the front of the monitor so all hooks are securely in place. A retaining latch built into the base clicks into place when the base is correctly attached.
4. Carefully set the monitor upright and place it on a sturdy, level surface.

To connect the video and power cables:

1 Position the monitor and your computer so you can easily get at the back panel of each. Make sure that all power cables can reach a correctly grounded electrical outlet.

Caution

The openings in the monitor cabinet are for ventilation. Do not block or cover these openings. Do not insert anything into these openings. If you put the monitor in a bookcase or some other enclosed space, make sure to leave at least 6 inches (15 cm) around it for ventilation.

2 Connect the video cable to the matching (blue) video port on the back of your computer.

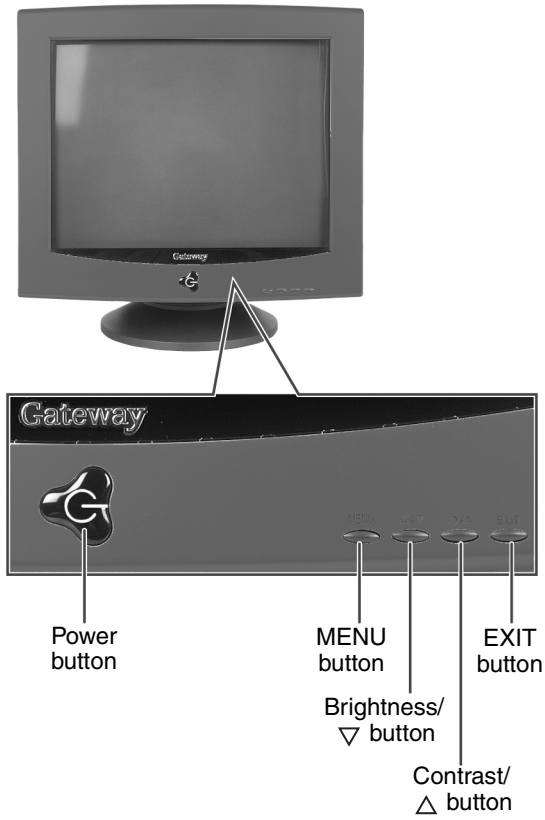
3 Tighten the screws on the video cable connector to keep it from coming loose. Tightening the screws also prevents radio and TV interference.

4 Connect the power cable that came with the monitor to the AC power connector on the back of the monitor. Only use the power cable that came with the monitor.

5 Plug the other end of the power cable into a correctly grounded electrical outlet.

To turn on the monitor:

1 Press the power button on the front of the monitor.



2 Turn on your computer.

Adjusting settings

Power button. Turns the monitor on and off.

Power indicator. Turns blue when the monitor is operating normally, then flashes when the monitor is in energy saving mode.

MENU button. Enters the on-screen display (OSD) menu or selects an OSD menu option.

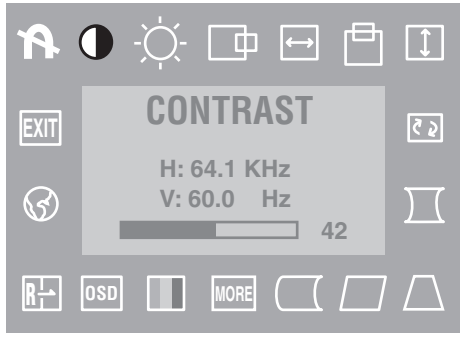
Brightness/ ▽ button. OSD inactive: Adjusts the brightness.
OSD active: Navigates and adjusts the OSD menu options.

Contrast/ △ button. OSD inactive: Adjusts the contrast.
OSD active: Navigates and adjusts the selected OSD menu option.

Exit. Exits the OSD menu or sub-menu.

To adjust monitor settings:

1 Press the **MENU** button. The OSD menu opens.



2 Press the ▽ or △ buttons to highlight an OSD menu option, then press the **MENU** button to select the option.

3 Press the ▽ or △ buttons to change an OSD menu option.

4 Press the **EXIT** button to save changes. Press the ▽ or △ buttons to highlight a different OSD menu option.

- OR-

If you have finished making all adjustments, press the **EXIT** button twice to save your settings and exit the OSD.

On-screen display menu options

Icon	Description
	CONTRAST. Adjusts the level of white between the lightest and darkest portions of an image.
	BRIGHTNESS. Adjusts the amount of light in the darkest portion of the picture.
	H. POSITION. Controls the horizontal position of the display image.
	H. SIZE. Controls the horizontal size of the display image.
	V. POSITION. Controls the vertical position of the display image.
	V. SIZE. Controls the vertical size of the display image.
	ROTATION. Rotates the display image.
	PINCUSHION. Curves the sides of the display image inward or outward.
	TRAPEZOID. Increases or decreases the trapezoid distortion of the display image.
	PARALLELOGRAM. Slants the display image to the left or right.
	PIN BALANCE. Curves the display image to the left or right.
	ADVANCED SELECT. Opens a submenu that contains menu options to adjust the top and bottom corners of the display and horizontal and vertical moire.
	COLOR. Adjusts color balance. Select from two preset factory options (9300°K and 6500°K) or USER. USER lets you adjust the red, green, and blue colors separately.
	OSD ADJUSTMENT. Opens a submenu that contains menu options that let you change the position of the OSD menu on the screen and the length of time the OSD menu is visible.
	RESET. Resets the monitor settings to the factory default settings.

Icon	Description
	LANGUAGE. Changes the display language for the OSD.
EXIT	**EXIT.** Displays current settings and exits the OSD menu.
	DEGAUSS. Demagnetizes the screen.

Video modes

The monitor supports several video modes from 720 × 400 to 1280 × 1024. Recommended video mode is 800 × 600 @ 85 Hz.

Factory preset video modes include:

Mode	Resolution	HF	VF
1	720 × 400	31.47	70
2	640 × 480	31.47	60
3	640 × 480	43.27	85
4	800 × 600	46.87	75
5	800 × 600	37.88	60
6	800 × 600	53.67	85
7	800 × 600	63.90	100
8	1024 × 768	48.36	60
9	1024 × 768	60.02	75
10	1024 × 768	68.67	85

HF - Horizontal frequency (KHz)
VF - Vertical frequency (Hz)

Maintenance

Warning

When the monitor is turned off, a small amount of electrical current still flows through the monitor. To avoid electrical shock, always unplug all power cables and modem cables from the wall outlets before cleaning the system.

Caution

To keep the monitor in optimal working order:

- Do not block the ventilation holes.
- Do not expose the monitor to rain or use near water.
- Keep the monitor away from radiators or heat vents.
- Keep the monitor out of direct sunlight.
- Keep the monitor away from any equipment that generates a magnetic field.
- Use a screen saver to avoid permanent image burn-in. For more information about screen savers, see the documentation that came with your computer.

Caution

Clean the monitor using a soft cloth lightly moistened with water. Wipe the cabinet, glass panel, and controls.

Do not use any type of abrasive pad or glass cleaner. You will permanently scratch the glass panel.

Troubleshooting

No picture

- Make sure that the monitor is turned on.
- Make sure that the power cord is connected correctly to both the back of the monitor and the wall outlet.
- Make sure that the video cable is connected securely to the back of your computer.
- If the power indicator is blinking:
  - Make sure that your computer is turned on.
  - Move the mouse or press any key on the keyboard to bring the monitor out of energy saving mode.
- Restart your computer with the monitor turned on.
- Make sure that the video cable is not damaged.
- Check the end of the video cable for any pins that might be bent or pushed in.

Picture is scrambled

If the picture is scrambled or does not look right, use the Reset option in the OSD to return the monitor to its factory default settings.

Display colors are wrong

- Restart your computer with the monitor turned on.
- Make sure that the video cable is connected securely to the back of your computer.
- Make sure that the video cable is not damaged.
- Check the end of the video cable for any pins that might be bent or pushed in.

Picture is fuzzy

Adjust the contrast and brightness controls to improve the display image.

Picture bounces, jitters, or has waves

Make sure that:

- Non-shielded speakers are not placed too close to the monitor.
- The monitor is not positioned too close to another monitor, power transformer or adapter, electric fan, fluorescent light, metal shelf, or laser printer.

If none of these suggestions solves the problem, try plugging the monitor into another outlet, preferably one on a different circuit.

Picture has shadows or "ghosts"

- Remove any extension cables or switchboxes.
- Make sure that the video cable is connected securely to the back of your computer.
- Make sure that the video cable is not damaged.
- Check the end of the video cable for any pins that might be bent or pushed in.

Color is not uniform

Make sure that:

- the monitor warms up for at least 30 minutes before making a final judgment about color uniformity.
- Non-shielded speakers are not placed too close to the monitor.
- The monitor is not positioned too close to another monitor, power transformer or adapter, electric fan, fluorescent light, metal shelf, or laser printer.
- You demagnetize the screen using the Degauss option in the OSD.

Image is not sized or centered correctly

Use the size and position controls in the OSD to adjust the image.

Image cannot be adjusted full screen

Some video modes used by the monitor produce images that cannot be adjusted all the way out to the bezel edge (the edge where the screen glass and monitor casing meet).

This condition does not indicate that the monitor is defective.

Specifications

Specifications are subject to change without obligation or notification.

CRT	Flat 17 inch diagonal (16.0 inches viewable), anti-reflective/anti-glare, 90° deflection, 0.25 mm dot pitch
Synchronization range	Horizontal frequency: 30-70 KHz Vertical frequency: 50-160 Hz
Resolution	Maximum: 1280 × 1024 @ 60 Hz Recommended: 800 × 600 @ 85 Hz
Dot rate	110 MHz
Power supply	Input voltage: AC 100-240 V @ 50/60 Hz Consumption: 75 watts maximum
Input signal	Video: Analog 0.7 Vp-p/75 Ohms Sync: Separate sync, TTL level
Display analog input	Unlimited colors
Weight	Net: 40.7 lbs (18.5 kg) Gross: 46.2 lbs (21.0 kg)
Dimensions (W×H×D)	15.98 × 16.02 × 16.42 inches (406 × 407 × 417 mm)
Operating conditions	Temperature: 41°F to 104°F (5°C to 40°C) Humidity: 20% ~ 80%
Storage conditions	Temperature: -4°F to 140°F (-20°C to 60°C) Humidity: 10% ~ 90%

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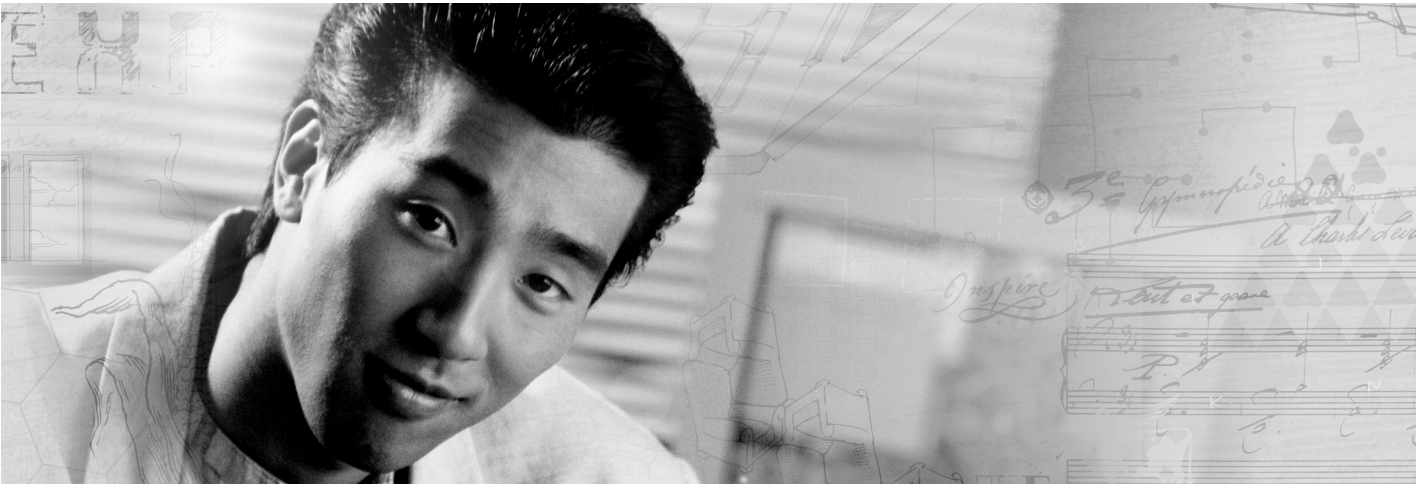
Safety, Regulatory, and Legal Information



- Safety information
- Regulatory statements
- Notices

Important safety information

Your Gateway system is designed and tested to meet the latest standards for safety of information technology equipment. However, to ensure safe use of this product, it is important that the safety instructions marked on the product and in the documentation are followed.

Warning

Always follow these instructions to help guard against personal injury and damage to your Gateway system.

Setting up your system

- Read and follow all instructions marked on the product and in the documentation before you operate your system. Retain all safety and operating instructions for future use.
- Do not use this product near water or a heat source such as a radiator.
- Set up the system on a stable work surface.
- The product should only be operated from the type of power source indicated on the rating label.
- If your product has a voltage selector switch, make sure that the switch is in the proper position for your area. The voltage selector switch is set at the factory to the correct voltage.
- Openings in the monitor case are provided for ventilation. Do not block or cover these openings. Make sure you provide adequate space, at least 6 inches (15 cm), around the system for ventilation when you set up your work area. Never insert objects of any kind into the monitor ventilation openings.
- Some products are equipped with a three-wire power cord to make sure that the product is properly grounded when in use. The plug on this cord will only fit into a grounding-type outlet. This is a safety feature. If you are unable to insert the plug into an outlet, contact an electrician to install the appropriate outlet.
- If you use an extension cord with this system, make sure that the total ampere rating on the products plugged into the extension cord does not exceed the extension cord ampere rating.
- If your system is fitted with a TV Tuner, cable, or satellite receiver card, make sure that the antenna or cable system is electrically grounded to provide some protection against voltage surges and buildup of static charges.

Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill anything on the system. The best way to avoid spills is to avoid eating and drinking near your system.
- Do not expose the monitor to rain or use near water. If the monitor does get exposed to moisture, unplug it and allow it to dry for 24 hours. Call Gateway Technical Support for advice on whether the monitor is safe to turn back on.
- When the monitor is turned off, a small amount of electrical current still flows through the monitor. To avoid electrical shock, always unplug all power cables and modem cables from the wall outlets before cleaning the system.
- Unplug the system from the wall outlet and refer servicing to qualified personnel if:
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.
  - The system does not operate properly when the operating instructions are followed.
  - The system was dropped or the cabinet is damaged.
  - The system performance changes.

Warning

To prevent electric shock, never remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

Replacement parts and accessories

Use only replacement parts and accessories recommended by Gateway.

Warning

Do not use Gateway products in areas classified as hazardous locations. Such areas include patient care areas of medical and dental facilities, oxygen-laden environments, or industrial facilities.

Regulatory compliance statements

United States of America

Federal Communications Commission (FCC) Unintentional emitter per FCC Part 15

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet on a different circuit from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

Compliance Accessories: The accessories associated with this equipment are: shielded video cable. These accessories are required to be used in order to ensure compliance with FCC rules.

FCC declaration of conformity

Responsible party:

Gateway, Inc.
14350 Myford Road
Irvine, CA 92606 USA

This device complies with Part 15 of the FCC Rules. Operation of this device is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution

Changes or modifications not expressly approved by Gateway could void the FCC compliance and negate your authority to operate the product.

California Proposition 65 Warning

Warning

This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects or reproductive harm.

Canada

Industry Canada (IC) Unintentional emitter per ICES-003

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada.

EPA ENERGY STAR

As an ENERGY STAR® Partner, Gateway has determined that this product meets the ENERGY STAR guidelines for energy efficiency when used with a computer equipped with a Display Power Management System.

Notices

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Irvine, CA 92606 USA

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